Weekly Metrics for June 29 – July 5, 2003

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	1.0	A
		Archive	GES DAAC	0.9	1x Baseline	1.0	A
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	30	W
		Archive	NSIDC	41	1x Baseline	30	W
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	106	
		L1 Prod	GES DAAC	807	Various	331	M, U
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	67	M, U
		Archive	GES DAAC	1,012	Various	505	M, U
		Distribution	GES DAAC				
		Testing/QA		99	IT Requirements	0	
		Production				44	
		End users		471	Various	126	G
		Data Pool				40	V
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	8	B, C
		L2-L3 Prod	GHRC	38	2.03x Baseline	0	C
		Archive	NSIDC	67	Baseline	14	C
		Distribution	NSIDC				
		Production				0	
		End Users		35	1.015x Baseline	7	C, G
	CERES	Archive	ASDC	169	Various	Included In Terra CERES	See Footnote S
		Distribution	ASDC				
		Testing/QA		1,421	IT Requirements		
		End Users		109	1.015x Baseline		
	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	572	
		L1 Prod	GES DAAC	5,047	Various	5,664	M
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	4,502	M, R
		Archive	LP DAAC	3,516	Various	2,330	M, R
			GES DAAC	8,015	Various	8,303	M, R
			NSIDC	426	Various	106	M, R
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End User		2,345	1.015x Baseline	379	G
		Data Pool				0.1	V
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	0	
		To MODAPS/LaRC				8,237	
		End Users		4,157	1.015x Baseline	57	G
		Data Pool				4	V
		Distribution	NSIDC				
		End User		284	1.015x Baseline	0	G
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.1	D
		Distribution	ASDC				
		Production				0.2	
		End Users		0.02	1.015x Baseline	29	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D
	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	746	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	166	E
		L1B Archive	LP DAAC	271	1.015x Baseline	166	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	115	E
		Archive	LP DAAC	2,173	Various	1,027	E

Mission	Instrument	Function	Facility	Required	Basis	Actual	Notes
		Distribution	LP DAAC				
		Production				2,114	
		End Users		1,221	1.015x Baseline	234	G, O, P
		Data Pool				<0.01	V
	CERES	Archive	ASDC	357	Various	975	S
		Distribution	ASDC				
		Testing/QA		1,421	IT Requirements	0	
		End Users		119	1.015x Baseline	1,922	G, O
	MISR	L0 Ingest	ASDC	249	1x Baseline	256	
		L1 Prod	ASDC	3,359	Various	4,079	F
		L2-L3 Prod	ASDC	285	3.045x Baseline	293	F
		Archive	ASDC	3,894	Various	4,629	F
		Distribution	ASDC				
		Testing/QA		137	IT Requirements	108	
		Production				1,757	
		End Users		1,215	1.015x Baseline	2,138	G, O
		Data Pool				0.1	V
Terra (12/99)	MODIS	L0 Ingest	GES DAAC	518	1x Baseline	596	
		L1 Prod	GES DAAC	7,570	Various	7,651	
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	11,756	Q, T
		Archive	LP DAAC	7,034	Various (L2-L4)	7,626	
			GES DAAC	12,990	Various (L0-L4)	11,867	I, Q
			PO DAAC	0	Various (L2-L3)	0	
			NSIDC	853	Various (L2-L3)	521	I, Q
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End Users		2,345	1.015x Baseline	1,536	G, O
		Data Pool				0.1	V
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	206	G
		To MODAPS/LaRC				10,674	
		End users		4,157	1.015x Baseline	1,775	
		Data Pool				37	V
		Distribution	PO DAAC				
		End Users		0	Baseline	1	
		Distribution	NSIDC				
		End Users		284	1x Baseline	78	G, O
		Data Pool				<0.01	V
	MOPITT	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	1	
		L2 Prod	SIPS	2	3.045x Baseline	5	J
		Archive	ASDC	6	Various	7	J
		Distribution	ASDC				
		Production				4	
		End Users		1	1.015x Baseline	33	G, O
		Data Pool				<0.01	V
Landsat-7 (4/99)	ETM+	Archive	LP DAAC	1,092	250 Scenes	33	X
		Distribution	LP DAAC	58	ECS ICD	95	
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	PO DAAC			2	
		Distribution	PO DAAC	NA	NA	6	K
QuikScat (6/99)	SeaWinds	Archive (L0+)	PO DAAC			41	
		Distribution	PO DAAC	109	Weekly Average	42	K
TOPEX (8/92)	Poseidon	Archive (L1+)	PO DAAC			0.2	
		Distribution	PO DAAC	24	Weekly Average	75	K
Other Missions	AVHRR	Archive (L2+)	PO DAAC			53	
		Distribution	PO DAAC	NA	NA	40	L

Notes:

A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.

B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process.
C. Regular delivery of AMSR-E L1A data to US from NASDA resumed on June 19. No L2 or 3 data currently were sent from the AMSR-E SIPS for archival.
D. Data from this instrument is not transmitted to DAAC daily.
E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
F. Includes reprocessed data, in addition to current data.
G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.
J. No L1 or L2 products were received from MOPITT SIPS.
K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
L. Includes distribution of educational materials, in addition to AVHRR SST products.
M. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
N. Does not include distribution by subsetting tool.
O. Does not include distribution by data pool.
P. Orders have decreased sharply with the advent of charging for low-level ASTER data.
Q. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
R. Ingest/archival of MODIS L2+ products are dependent on MODAPS processing schedule.
S. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
T. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
U. HSB is still in survival mode.
V. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
W. Laser #1 was shut down on March 19. The replacement laser is not expected to be turned on until mid-June and science data won't be available to users until September 2003.
X. Landsat-7 scan line corrector failed on May 31 and subsequently Landsat-7 instruments were shut down. The level of archived ETM+ is due to reprocessing, and not acquisition of new data.

* Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:

Processing Level	1st year after launch	2nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.